ASL

Australian Society for Limnology Inc.

NEWSLETTER

Volume 44 # 2, June 2006

Registered by Australia Post
Print Post Publication No. PP 381667/00125

ABN 54 606 483 226 ISSN 1037-2512

AUSTRALIAN SOCIETY FOR LIMNOLOGY INC.

The Australian Society for Limnology Inc. (ASL) is an Australian-based scientific society whose focus is the study and management of inland waters. The ASL was established in 1961, and has a current membership of over 650 researchers, managers, engineers, teachers and tertiary level students from all states and territories. Members have a strong professional interest in inland aquatic issues, including the maintenance of biodiversity, the maintenance and/or restoration of water quality, and the wise use of aquatic resources. The Society also has a strong interest in fostering the scientific and intellectual development of tertiary students.

The Society includes members working in government agencies, tertiary institutions and many industries related to aquatic resources. Through their daily activities, members have contact with local communities and are in a sound position to interpret and advise on inland water issues. The Society has a substantial knowledge base, and has assumed a responsibility to ensure that this is available to those who manage inland waters.

Accordingly, the charter of the ASL is to further our understanding of Australia's inland waters and to promote their wise use and sustainable management. In this manner we will contribute to the continued existence of this valued resource and the maintenance and enhancement of the quality of life for all Australians. The ASL regularly produces a newsletter with notes on limnological activities, articles of interest, book reviews and announcements of upcoming events likely to be of interest to Members.

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EDITOR'S NOTE

Material for publication in the Volume 44 # 3 newsletter (September Issue) is due by:

Friday 8 September, 2006.

All articles should be forwarded, if possible, as unformatted text on a disk or via email.

ASL Home Page - http://www.asl.org.au/

This Newsletter is printed by Border Multi Print Pty Ltd Wodonga, packaged by Kalianna Pty Ltd and distributed by Australia Post.

Membership Information and contact details of the Regional Executive Members can be found at the back of this Newsletter.

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PRESIDENT'S REPORT

Hi all!

It's that time of year again! The conference organizing committee has been very busy and registrations for the conference in Albury-Wodonga have now opened on the web page. Leading up to the conference, nominations for the ASL Medal, the Early Career Excellence Award and applications for the Bill Williams Travel Scholarship are due at the end of June to be considered at this years' congress.

We strongly encourage ASL members to consider nominating worthy colleagues - and re-submit previous nominations with current data. I have now been on both selection committees for 3 years and our regulations state that any one member can only serve on these committees for 3 years. Thus I have delegated the Chair of the 2006 ASL Medal committee to Richard Marchant, and the Chair of the 2006 ASL Early Career Excellence Award to Belinda Robson. Call for Nominations (together with Regulations and Guidelines) for both the ASL Medal and the ASL Early Career Excellence Award were printed in the March 2006 newsletter.

Nominations are now also open for the ASL Student Travel Awards, to be submitted to Richard Marchant by **Friday 18 August**. You may also want to consider nominating for one of the executive positions, including representing your state or the students of ASL. Please contact Richard Marchant for details on how to nominate - you can do it prior to the AGM at the congress. For example, Angus MacGregor, the inaugural student representative, is hoping to pass on the position on and will introduce this in this newsletter.

Since the last newsletter we have concentrated hard on housekeeping, getting everyone's membership details and subscriptions up to date and getting the conference organized. All of this is now under control - you should be able to look at your membership details on the web, change what you need to change, and see where you are at with respect to you membership payments. If you still have difficulties please contact us: either myself on Sabine.Schreiber@dse.vic.gov.au, or give your feedback straight to the Regional Institute via their feedback box on the welcome page.

Our next job will be updating the webpage and links and information - this is quite a job, and we are currently setting up a web-working group to take on this task. If you are at all interested in this, contact us ASAP! I wish you all the best.

Sabine Schreiber (President)

WANTED !!

Are you interested in learning about web page development and maintenance?

This is your chance!

Heather Shearer, our current web administrator, is seeking an assistant to help with web maintenance. Main activities would include translating the newsletter and other documents into html so that they can be easily found and accessed.

Whilst we cannot offer payment for such a position, we are able to offer free ASL Membership (or conference registration, should you wish to attend the conference).

Please contact Sabine Schreiber (current president) or Heather Shearer (web administrator) if you are interested in helping out or just would like some more details about what this involves.

We look forward to hearing from you!!!

ASL EXECUTIVE TELECONFERENCE

The next ASL Executive Teleconference will be soon, stay tuned for the Minutes in the next newsletter.

Gus MacGregor ~ ASL's Inaugural Student Representative

I am sure many of you know me by now - but more for my feats of imbibing to excess at the Annual Congresses than representing the student membership base. Delinquent endeavours aside, I am Angus (Gus) MacGregor a final year PhD student from the Diatom group within Geographical & Environmental Studies at the University of Adelaide. In between excessive undergraduate teaching commitments, diatom consultancies, and other peoples' fieldwork - I am currently developing a diatom-based model for quantitatively inferring the water quality histories of coastal lake and wetlands, which I'm then applying to key sites on the lower Snowy River.

My first experience of ASL was at Moama (2001) where I was foolish enough to give an oral presentation a few weeks before my Honours Dissertation was due. I remember being locked away in my hotel room trying to master PowerPoint animations instead of "getting on it" while watching the Grand Final (funny how one's priorities shift!)

The ASL Congress, for myself, soon developed into the highlight of my academic year, not only for the science, but also for the very inclusive social networks that evolve amongst its student members. Then, in 2004, as an organiser of the Adelaide Congress, I was approached to become the Inaugural ASL Student Representative on the National Executive. While I've savoured the opportunity to become more involved with ASL, persistent field commitments have limited the effect that I have been able to have.

It is well recognised that ASL has a strong interest in fostering the scientific and intellectual development of its student members and, indeed, it is this level of student membership and participation that sets ASL apart from many other scientific organisations. We are always looking to develop new ideas (like the APPLE Prize, initiated only last year) and look into ways we might improve the ASL student experience not only at the annual Congress, but also throughout the year. So if you have any suggestions, no matter how trivial or monumental, please let me know and I will ensure sure that they are tabled for the Executive.

With my PhD candidature nearing completion I will not be standing for re-election this year, so if there are any enthusiastic student members out there who want to become more hands on with ASL, feel free to contact either Sabine or myself. Hope to see you all in Albury-Wodonga this September 25-29!

Gus MacGregor, ASL Student Representative, angus.macgregor@adelaide.edu.au

2006 Albury-Wodonga Congress ~ At a Glance

The 45th ASL Congress will be held from **Monday 25 to Friday 29 September 2006**, at the Albury Convention & Performing Arts Centre (ACPAC) in Central Albury.

Draft Program

Date	Academic Schedule	Social Schedule
Monday 25 September	Arrival and Registration	Registration Mixer Postgraduate Mixer Dinner (at delegates expense)
Tuesday 26	Official Opening of Congress Plenary Session (2005 ASL Medal Winner) Concurrent Sessions	BBQ at La Trobe University, Wodonga
Wednesday 27	Plenary Session Concurrent Sessions ½ day Field Trips	Free Evening Dinner (at delegates expense)
Thursday 28	Plenary Session Concurrent Sessions Poster Session AGM	Congress Dinner at bettyandmuriel's of Adamshurst, Albury
Friday 29 September	½ day Concurrent Sessions	

The Rt Hon. Ian Sinclair, President of the Murray-Darling Basin Commission, will Officially Open the Congress on the Tuesday morning.

The full Academic Program will be announced a number of weeks after the final call for Abstracts. We are however, pleased to announce the following speakers have been invited and accepted.

Prof. Jim Thorp, Kansas Biological Station, University of Kansas, USA, and Dr Klement Tockner, Department of Limnology, EQWAG/ETH, Switzerland

Please re-visit the ASL web page prior to the Congress to ensure that you have the most up-to-date information.

Venue

The Albury Convention & Performing Arts Centre (ACPAC) will be the main venue for the 45th Congress, and is located in Swift Street, Albury.

It is Albury's only purpose built convention venue and is set amongst picturesque gardens, just a few minutes walk from the City's retail heart, art galleries, restaurants, clubs and a wide range of accommodation.

Map of Central Albury

More detailed maps will be provided to delegates at time of Registration.

A mobile information booth displaying brochures and pamphlets of attractions around Albury-Wodonga, supplied by Destination Albury Wodonga, will be available in the foyer of ACPAC for the duration of the Congress.

Registration

Dates

- Early Bird Registration from **5th June** to **31st July 2006**.
- Late registrations from **1st August** to **18th September 2006**.

Fees

All rates are in Australian Dollars and are GST inclusive. Tax invoices will be provided (ABN No.54 606 483 226).

Registration Cost	Earlybird Registration	Late Registration
ASL Member	$280	$400
ASL Student Member	$180	$400
Non-Member	$370	$400
Single Day	$130	$160
Late Registration	N/A	$400

Note: Non-member registration is more expensive than joining the Society and registering as a member. You can join ASL, or renew your membership, when you register for the Congress.

Late registration applies after 31st July regardless of membership status.

Please register for Field Trips, T-shirts and Congress Dinner on the Congress Registration Form. The registration fee does NOT include admission to the Congress Dinner and separate tickets for entry on the night will be provided to those who pay for the dinner at the time of registration. Please note if you require transport from the ACPAC venue to the BBQ at La Trobe University.

The online registration form is available from the Welcome Page. You must log in to this website to reach the **Welcome Page**. If you have forgotten you username and password, type in your email address and click on **Recover password** on the **Login page.** If you have never had a username and password, either click on **create a user account** on the **Login page** or click on **Register** from any other page.

Registration Includes:

- Congress bag
- Access to all sessions
- Abstract and Program booklet
- Lunch (Tuesday, Wednesday and Thursday)
- Morning Tea (Tuesday, Wednesday, Thursday and Friday)
- Afternoon Tea (Tuesday and Thursday)
- Registration Mixer
- BBQ
- Poster Session
- For Student's - the Postgraduate Mixer.

Cancellation Policy

Cancellations made prior to **1 September 2006** will be refunded at the rate of 70% of full payment. No refunds will be issued for cancellations after 1 September 2006, except on compassionate grounds in writing to the Treasurer, but a substitute delegate may be nominated. This applies to both registration fees and dinner tickets.

Disclaimer

The speakers, topic and times are correct at the time of publication. In the event of unforeseen circumstances, the 45th Australian Society for Limnology Organising Committee reserves the right to delete or alter items in the Congress program.

Liability/Insurance

The Australian Society for Limnology Executive and Organising Committee cannot accept responsibility for any financial losses incurred by the delegates and exhibitors in the event of industrial disruptions or natural disasters. Nor can the Australian Society for Limnology Executive and Organising Committee take responsibility for injury or damage to persons or property occurring during the Congress. Personal insurance is the responsibility of the individual delegate.

Presentations

Oral Presentations

Concurrent sessions will be run with 20 minute slots (i.e. 15 minute presentation + 3 minutes for question time + 2 minutes to change concurrent session if required). Session times will be strictly maintained so that delegates can move between sessions with a minimum of fuss. The Concurrent Sessions are strategically located close to one another.

Oral presentations may use PowerPoint OR Slides OR Overheads. Please advise of the format required when you submit your Abstract as some of the equipment may be restricted to specific venues.

PowerPoint presentations must be on CD or Memory Stick so they can be uploaded. Presenters are requested to see the support staff 30 minutes PRIOR to their session to upload presentations.

There is **NO** capacity for presenters to use their own laptop computers. If you have any concerns please contact metaphysical@asl.org.au

Poster Presentations

Poster presentations are encouraged and welcomed, and a dedicated poster session will be held on the afternoon of **Thursday 28 September,** at which time, ALL authors must be in attendance. The posters will be hung for the duration of the Congress.

The maximum size for posters is A0 in portrait orientation (841mm wide x 1189mm high). Smaller sizes may also be used. Posters larger than A0 will not fit onto the display boards. If you wish to present your Poster in landscape orientation, the maximum size will be A1 (594mm high x 841mm wide). Poster display boards and Velcro dots will be supplied. Poster display boards will be available for hanging posters from **5:00pm on Monday 25 September**. The Organising Committee request that posters be put in place by morning tea on Tuesday 26 September (at the latest).

Abstracts

Abstract submissions are due by **Monday 31 July 2006**.

Abstracts should be submitted via the **Event Registration and Author Gateway** on the Welcome Page.

- To access the **Welcome Page** you must first log in to this website. Go to the LHS **Login** link. If you have forgotten your username and password, type in your email address and click on **Recover password.** If you have never had a username and password, either click on **create a user account** on the **Login page** or click on **Register** from any other page.
- On the **Welcome Page,** click on **Author Gateway,** then **Upload new paper** (imagine it is "abstract").
- To upload your abstract click on **Browse** and select your formatted WORD file from your computer's directory (see below for formatting details). It is essential that the file name includes the presenter's name as this is the only way of linking abstracts to registrations.

- Complete ALL fields; the short title and brief description are only identifiers to enable the organisers to allocate themes, they will not be published in the Congress Abstracts Book.
- Click on **Submit** and you will see your abstract file in the **My Papers** box.

Notifications of acceptance of abstracts will be sent after **Monday 14 August** 2006.

Researchers are welcome to suggest themed sessions if they are keen to present alongside colleagues from associated research projects. Contact metaphysical@asl.org.au to organise a session.

Layout Rules

File name: family name_first name_presentation type
Font: Arial 10 pt
Spacing: single
Title: bold
Authors: family name, first name, 1 per line, presenter underlined, email on same line as name, superscript address number
Addresses: italics, 1 per line, superscript address number
Keywords: 4 in square brackets [ ]
Length: up to 150 words

Example of a formatted Abstract

How long does it take to deplete the egg bank in wetland sediments?

Petrie, Rochelle[1] Rochelle.Petrie@csiro.au
Nielsen, Daryl[1] Daryl.Nielsen@csiro.au
Vogel, Matthew[1] Matthew.Vogel@csiro.au
Brock, Margaret[2] mbrock@dlwc.nsw.gov.au
[1]*Murray-Darling Freshwater Research Centre PO Box 991 Wodonga Victoria 3689 Australia*
[2]*Department of Natural Resources PO Box U245 Armidale NSW 2351 Australia*

Keywords [wetlands, microfauna, dormancy, egg bank]

Microfauna from wetland systems within Australia are adapted to long dry periods and can survive by persisting as eggs in the sediment. These egg banks contain the diversity of microfauna to enable a community to develop rapidly upon re-wetting. Little is known about the longevity and persistence of these dormant eggs. This paper examines how the egg bank is depleted over time. As part of a large mesocosm experiment, microfauna emerging from Macquarie Marshes sediment were collected for 8 months, and the number and richness of animals was determined. Results show that there is a rapid increase in the abundance and richness of microfauna emerging within the first 28 days before declining over time. Estimates of the size of the egg bank suggest that there are more than $1.7x10^6$ eggs m^2 and that not all eggs respond immediately to re-wetting.

Travel

Car: Albury-Wodonga is strategically located on the Hume Highway between Sydney, Canberra and Melbourne.

Bus/Train: The Albury-Wodonga region also has excellent coach and rail services services operating from regional centres and capital cities around Australia. For bus travel contact Greyhound Australia. For rail travel contact Country Link.

Plane: Multiple air services operate daily by: (click on name to link to website)

Airline	Departing
QantasLink	Sydney
Regional Express	Melbourne and Sydney
Brindabella Airlines	Canberra

QantasLink and Regional Express offer Congress groups up to 40% discount on airfares into Albury. Congress airfares provide delegates with considerable flexibility. Alternatively, delegates have the opportunity to take advantage of published promotional airfares with discounts of up to 70% off the full economy airfare. Promotional airfares generally have stringent conditions (e.g. non-refundable)

Approximate travel times to Albury-Wodonga are:

Departing	Air	Road (car)	Road (coach)	Rail
Sydney	1 hour	6 hours	7 ½ hours	7 ½ hours
Melbourne	45 minutes	3 ½ hours	4 hours	3 hours
Canberra	50 minutes	3 ½ hours	4 hours	5 ¾ hours
Adelaide	2 hours	9 hours	12 hours	15 hours
Brisbane	2 ½ hours	18 ½ hours	22 hours	19 ½ hours

Childcare

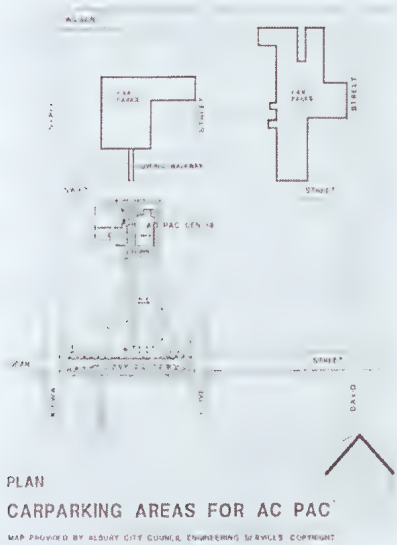
Childcare is available for children 6 weeks to 6 years (depending on availability and placements at the time). You will need to supply your own child's food and nappies etc.

Central Albury Occasional Childcare Centre
St Matthews Parish Centre, Queen Elizabeth Square (Next to ACPAC)
Dean Street Albury NSW 2640 Phone: 02 6021 6545; Cost: $5.00 per hour.

Murray Children's Centre
608 Olive Street, Albury NSW 2640 (part of Charles Sturt University)
Phone: 02 6051 6768; Contact: Michelle Smith - micsmith@csu.edu.au
Cost: $48.00 per day (Childcare benefits available).

Vehicle Parking

There are a number of car parks surrounding the Albury Convention & Performing Arts Centre, all of which offer free all day parking (see map below). Alternatively, street parking is available, although limited to 1 or 2 hours between the hours of 8:30am and 6:00pm weekdays.



Please note that the ASL Executive and Organising Committee for the 45th Congress do not accept any responsibility or liability for any theft or damage of any vehicle, or loss of any accessories or contents caused to vehicles whilst attending the Congress.

Accommodation

You can search the Destination Albury Wodonga website to view a range of accommodation types in Albury-Wodonga (including student accommodation). You have the option of either booking directly with the hotel or simply contact Destination Albury Wodonga on 1300 796 222 to organise your accommodation.

The Albury Wodonga Motel Association website lists the facilities of a range of motels in and around Albury-Wodonga. Bookings can be made by linking to each motel's website or by phoning the motel directly.

The following places offer reasonable student rates:

Soden's Australia Hotel Motel
(cnr Wilson and David Streets)
Albury NSW 2640
Phone: 02 6021 2400
Fax: 02 6041 2838
Email: mail@sodens.com.au

The New Albury Hotel Motel
491 Kiewa Street
Albury NSW 2640
Phone: 02 6021 3599
Fax: 02 6021 8574
Email: book@newalburyhotel.com.au

Albury Backpackers
452 David Street
Albury NSW 2640
Phone: 02 6041 1822
Fax: 02 6021 6335
Email: thecanoeguy@hotmail.com (webpage: www.alburybackpackers.com.au)

Field Trips

Delegates are invited to participate in one of five field trips offered to delegates on the afternoon of **Wednesday 27 September**. To keep the Organising Committee sane, please indicate on the Registration Form your preferred field trip. All delegates will be provided with a Boxed Lunch (roll, sweet treat, piece of fruit and OJ) whether they are going on the field trips or not.

What to Bring for the Field Trips

Hat and sunscreen
Wet weather gear (coat, jumper)
Comfortable walking shoes
Sense of humour

Field Trip 1: Canoe Trip down the Mighty Murray

You will be picked up at the conference, taken to a beautiful spot on the Murray River, squeezed into a lovely, colourful canoe, pushed into the swift current and spend two wonderful hours paddling down this majestic river. Once you have arrived at Nouriel Park, you will be met with a gourmet BBQ and you can sit back and marvel that you survived. What more could you want?

Cost: $53 – includes pick up, drop off, canoe and PFD hire and gourmet BBQ and finger food.

Field Trip 2: Albury's innovative sewage treatment works and Wonga Wetlands tour

You will be picked up at the conference, taken to the outskirts of Albury, where you will be shown Albury City Council's state-of-the-art sewage treatment works. T hey process pooh faster than you think! You will then travel the short distance to Wonga Wetlands, where the Environmental Projects Officer, Mike Copland, will show you how the treated water is used to enhance environmental values. He will give you a tour of the wetlands, show you the prolific bird populations and regale you with long and involved stories about his life. The tour is just worth it for Mike!

Cost: $20 – includes pick up, drop off, tours and coffee and bickies at Wonga.

Field Trip 3: Rutherglen winery and olive farm tour

You will be picked up at the conference, taken on a shortish bus ride to the famous and historic Rutherglen wine-growing region, where you will visit a variety of some of the best wineries in Australia. You will get the chance to taste some beautiful wines and to buy what you like at cellar-door prices. If you are still sober, you will then visit an olive farm (or at least you will remember it), where you will be shown the process of growing, harvesting and pressing of olives. Fascinating stuff! Cheese and crackers will be provided to cleanse your pallet as you move between wineries.

Cost: $49 – includes pick up, drop off, tours, cheese and crackers and Panadol. **Note:** if more than 40 people register for this tour, there will be a discount and you will be reimbursed at the conference.

Field Trip 4: Restoration Works

Join staff from the NSW Murray Wetlands Working Group and North East Catchment Management Authority around the Murray and Ovens Rivers viewing a variety of rehabilitation initiatives including wetland and river restoration projects.

Cost: $25 – includes pick up, drop off, and tours.

Field Trip 5: Tour of the Albury Botanic Gardens

The Albury Botanic Gardens are located at the western end of Albury's main shopping area (Dean Street) on a 4 hectare site. The gardens feature an impressive plant collection of both native and exotics. The first trees were planted in 1877 and the tallest tree is a 41m Queensland Kauri Pine. Sweeping lawns, shady trees and the tranquil atmosphere makes the gardens a pleasant setting for a stressed delegate.

Departing from ACPAC, the Gardens are a short stroll away. You will have a 1 ½ hour guided tour, followed by a yummy afternoon tea provided by the Friends of the Botanic Garden.

Cost: $10 – includes tour and afternoon tea.

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What to do if not going on the Field Trips

Visit the following, within easy walking distance of the Congress venue.

Albury Regional Art Gallery
Dean Street, Albury [Free admission, open 10:30am to 5:00pm]

Albury Regional Museum
'Australia Park ', Wodonga Place, Albury [Free admission, open 10:30am to 4:30pm]

Just for Students

ASL Travel Awards

A number of Travel Awards will be awarded by the ASL Executive to research students for travel assistance to attend and give an oral or poster presentation. The purpose of this assistance is to encourage students to present the results of their work in public. Students who are carrying out research in any branch of limnology for a higher degree are encouraged to apply.

North East Water Travel Awards

Four Travel Awards will be awarded by North East Water to those students giving an oral or poster presentation related to the water utility industry (e.g. wastewater treatment, or the effects of wastewater discharges on receiving waters, or an innovative technique that could be applied to the water or wastewater industry).

Albury City Travel Awards

A Travel Award will be awarded by Albury City Council to research students for travel assistance from interstate.

The following rules apply for travel assistance:

1. Applicants must be full-time postgraduate students at any Australian University. There is no age limitation. Applicants must have held current financial membership of the ASL for at least 6 months.
2. Assistance will be granted on the recommendation of a panel of three appointed by the Society.
3. Applications must include a written statement of no more than 200 words describing the research, its significance and the stage that has been reached. This statement must be endorsed by the student's supervisor. An abstract of the presentation that the applicant proposes to present must also be included.
4. Award of assistance will be judged on: (i) significance of the work; (ii) originality and soundness of the research; (iii) the progress made and whether the stage has been reached where something useful can be presented; (iv) ability to present a clear and concise statement of the study.
5. Applications must be emailed to Dr Richard Marchant, rmarch@museum.vic.gov.au by **Friday 18 August 2006** - clearly indicate which Travel Award you are applying for.

Student Prizes to be Awarded

- ASL student prize for the Best Oral Presentation by a PhD or Masters Student
- ASL student prize for the Best Oral Presentation by an Honours Student
- ASL student prize for the Best Poster Presentation

Posters are assessed during the dedicated poster session and must be attended by the author, who will explain the presentation and field questions. There will be no oral session's concurrent with the poster session.

- Marine & Freshwater Research student prize for Best Interdisciplinary Presentation

- NSW Murray Wetlands Working Group student prize for Best Wetlands Presentation

The MWWG Student Prize is awarded to a student (Honours/Masters/PhD) for the presentation of either a poster or paper that has direct relevance to wetland management, preferably with community involvement. It is aimed at recognising the valuable contribution that such research studies can make to natural resource management and to provide encouragement for students to continue their excellent work.

- National Water Commission student prize for Knowledge and Capacity Building

To be eligible for a student prize, students;

- should be current, financial members of ASL.
- must give their presentation within 18 months of receiving their degree (or working towards the degree).
- can win each of the awards only once. Thus a student who has won the PhD award is no longer eligible for that award but would be eligible to submit a poster for the poster award. A student who has won the honours award would still be eligible for each of the other awards.

The student prizes will be judged by a committee convened by the ASL Executive. Wherever possible, such committees will not contain supervisors or co-authors of candidates for the prizes.

Social Activities

Registration Mixer

Registration for the 45th Congress will open at **5:00pm on Monday 25 September** in the foyer at ACPAC. Look for the large "Registration" Banner. Come along early and get your bag of 'goodies'.

Drinks and snacks will be provided at ACPAC from **7:00pm**, this event is included in the registration fee.

Delegates are responsible for their own dinner arrangements, we will, however, provide a list of restaurants open on a Monday evening in Dean Street, Albury.

Postgraduate Mixer

Monday 25 September, 5:30 to 6:30pm, upstairs at the New Albury Hotel Motel (491 Kiewa Street, Albury). Come and register at ACPAC then it's a short stroll around the corner to the venue. Meet the current ASL Executive members over drinks and nibbles, then come back to ACPAC for the registration mixer.

Your student registration fee will automatically book you in for the postgraduate mixer.

BBQ

The traditional BBQ will be held at The Hanger (Student Association building) at La Trobe University Campus on the evening of **Tuesday 26 September.** We will provide buses for those without transport. Please indicate on your registration form if you need transport to and from La Trobe University campus. Do NOT BYO alcohol as the student association will be providing beer, wine and soft drink.

Congress Dinner

The 2006 Annual Congress Dinner will be held on the evening of **Thursday 28 September** at betty and muriel's of adamshurst (see www.bettyandmuriels.com.au) located at 603 David Street, Albury. This venue is centrally located and within easy walking distance of city accommodation. An "Art-Science" exhibition will be on display at betty and muriel's for delegates to view during the evening.

Cost includes drinks, canapés and pre-dinner cocktails on arrival in the Ball Room and a two-course dinner served in the delightfully appointed Marquee (with heaps of entertainment).

Full Price: $70.00
Student Price: $45.00
Tickets are limited, so book early.

Congress Contacts

For general and registration enquiries contact: **conforg@asl.org.au**

For abstract, presentation or poster enquiries contact: **metaphysical@asl.org.au**

Phone Enquiries: Congress Coordinator, Rhonda Sinclair (02) 6058 2300

Postal enquiries:
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The 2006 Organising Committee are:

- Dr Ben Gawne (Chair)
- Margaret Hart (ASL Hon. Treasurer/Membership Officer)
- Sabine Schreiber (ASL President)
- Rosie Busuttil, Rhonda Sinclair and Lyn Smith (MDFRC)
- Paul Humphries and David Mitchell (Charles Sturt University)
- Phil Suter (La Trobe University)

ASL 2006 T-shirts

Orders must be submitted on the registration form by **31 July 2006.**

Women's Fitted Polo Shirt

Rib cotton/polyester fabric, open placket, 3/4 sleeves
Colour: Black
Cost: $30.00 each

	8	10	12	14	16	18	20
Bust	36	38.5	41	43.5	46	48.5	51
CB Length	51.5	53.5	55.5	57.5	59.5	62	64

Weights and measurements are approximate and for guidance only

CB = centre back, measured from base of neck to hem of shirt

Men's Contrast Polo Shirt

Polyester/cotton (65/35), buttoned placket, short sleeves
Colour: Black with white trim
Cost: $30.00 each

Mens	S	M	L	XL	2XL	3XL
Chest	53.5	56	58.5	61	63.5	66
CB Length	69	71.5	74	76.5	79	81.5

Weights and measurements are approximate and for guidance only

CB = centre back, measured from base of neck to hem of shirt

Sponsors

The ASL 2006 Organising Committee is extremely grateful to the following organisations for their generous sponsorship and support for the 2006 Congress.

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Australian Government
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STUDENT SPONSORS

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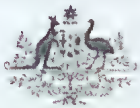

Australian Government

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MARINE & FRESHWATER RESEARCH

OTHER SPONSORS

CHARLES STURT UNIVERSITY

LA TROBE UNIVERSITY

Staying in Albury-Wodonga at the end of the Congress?

The Albury Wodonga Region Wine and Food Festival will be held from **Friday 29 September to Sunday 1 October**. A celebration of wines and food of the region. Includes great events such as the "Fashions in Food" – wearable food parade. Details will be available at the Congress. Click on Albury Wodonga Australia or Walkabout Australia

See you in Albury-Wodonga!!

ASL STUDENT TRAVEL AWARDS

CALL FOR APPLICATIONS

Applications are invited from research students for travel assistance to attend and present a paper or poster at the 45th Annual Congress of the Australian Society for Limnology.

The purpose of this assistance is to encourage students to present the results of their work in public.

Students who are carrying out research in any branch of limnology for a higher degree are encouraged to apply.

The following rules apply for assistance:

1. Applicants must be full-time postgraduate students at any Australian University. There is no age limitation. Applicants must have current financial membership of the ASL for at least 6 months.
2. Assistance will be granted on the recommendation of a panel of three appointed by the Society.
3. Applications must include a written statement of no more than 200 words describing the research, its significance and the stage that has been reached. This statement must be endorsed by the student's supervisor. An abstract of the paper that the applicant proposes to present must also be included.
4. Award of assistance will be judged on: (i) significance of the work; (ii) originality and soundness of the research; (iii) the progress made and whether the stage has been reached where something useful can be presented; (iv) ability to present a clear and concise statement of the study.
5. Applications must be lodged with Dr Richard Marchant, Museum of Victoria, GPO Box 666E, Melbourne VIC 3001, by **Friday 18 August 2006.** Applications can also be sent by email to rmarch@museum.vic.gov.au

ANNOUNCEMENTS

Congratulations to the following ASL members for their continued support of ASL over a long period of time.

Year joined ASL	Member	Years of Service
1962	Ian Bayly James Wharton	
1963	David Pollard Sam Lake Robert McDowall	
1964	Derek Cannon Brian Timms	
1965	Vida Stout	40 years plus
1969	John Dean Tim Berra Ann Chapman	
1970	Joan Powling	
1972	Bruce Chessman Terry Hillman	
1973	Roger Croome Kathleen Bowmer Barry Hart Angela Arthington John Merrick Ian Campbell Richard Marchant Stuart McCallum	
1975	Philip Cadwallader Margaret Brock Barbara Bowles George Ganf Ian Potter	
1976	Frank Burns Phil Suter Russ Shiel	30 plus years

Continued next page

Year joined ASL	Member	Years of Service
1977	Michael Burch Russell Tait Ros St Clair John Harris Max Finlayson Jane Roberts	
1978	Garry Bennison Pat Condina Richard Pearson Peter Carpenter Kent Hortle Catherine Yule Peter Kew	
1979	Tom McRae Jorg Imberger Peter Cullen Di Conrick Peter Breen	
1980	Murray MacDonald Jenny Davis Leon Barmuta Brian Bycroft Robert Pidgeon	26 years plus

A BIT OF FUN ~ KEEP THOSE LETTERS COMING !!

Ask Onmil all the tricky limnological etiquette questions you really want answered!!

Dear Onmil

Every time I see water, I just want to charge in and chase things. Should I be doing limnology?

Sincerely

A. S. Ampler

*****

Dear A. S.

You're a Golden Retriever, right?

Yes, you can do limnology. But there are three things you must keep in mind:

1. Never wear waders. I don't think they make them for dogs, anyway, but just in case. Plunging in fully with waders on is a career-limiting move.

2. Always take dry towels. Your friends/colleagues will need them to wipe themselves down after you shake yourself dry all over them.

3. Do not contemplate doing fish biology. Ever. The thought of you having an uncontrollable urge to plunge in when someone is using an electrofisher is stunning. Think of the gross pollution you'd cause (see career-limiting moves, above)! On the other hand, the yabbies could probably do with a good feed....

Alternatively, restrict yourself to laboratory work. There's plenty of useful limnological things you can study, like taxonomy, toxicology or something else beginning with t. Just make sure your aquaria are small. And covered (don't drink that Spot, no don't, down Spot, sit, sit.....oh, what's the use!).

Sincerely

Onmil

SCUTTLEBUTT, RUMOUR AND PRATTLE
well, just a little bit!

University of New England

As the autumn leaves yellow and the snow clouds muster in the distance we enter another winter on the tablelands, a time of year where our research is strategically focused towards warmer climes. To the east of the divide and **Glenn Wilson** has begun a series of projects in the northern Murray-Darling Basin to improve the ecological knowledge underpinning the development of environmental flows rules in the region. This research builds on the work of PhD student **Debbie Burgis** who has begun her research interactions among flow, organic matter and productivity in northern MDB. The lower Gwydir River and Ramsar sites in the Gwydir Wetlands will be a focus of activities, with new post-doctoral and PhD opportunities soon to be announced. Stay tuned for more!

To the west of the divide and **Steph Cam** has just completed her Honours fieldwork on the potential effects of siltation (derived from forestry activities) on eucalypt leaf pack decomposition in several streams draining catchments due to be logged compared to those in National Park in the upper reaches of the Never Never River, a tributary of the Bellinger River near Coffs Harbour. She artificially 'silted' several sets of packs in several streams and compared rates of breakdown with those in areas upstream and downstream of stream crossings and culverts. Stay tuned for the differences as she now sorts a huge pile of bug samples. Steph is funded by a grant from the Never Never Landcare Group and has had great in-kind support from Forests NSW. Meanwhile, in a related project, **Alana Wilkes** is assessing rates of breakdown in leaves across nine streams (three each in the catchments of the Orara, Bellinger and Macleay Rivers) subject to different habitat manipulations (3 riffles vs 3 pools per stream) and mesh sizes (to exclude or allow access to shredders) to assess whether the background variance in these different factors is so great that this approach would not be a useful one as a tool for local Landcare groups to use in the North Coast Rivers. The packs have just gone in so results (floods permitting) should be out in a few months time.

In maintaining our self-proclaimed stature as cutting edge limnos, our second exposé of one of the current UNE projects sees Rollsy tell all about fish, bugs and environmental flows in the Hunter River.

Earlier in 2006, a new environmental flow, macroinvertebrate and fish food-web study commenced at UNE in conjunction with the ARC, The New South Wales Department of Natural Resources and the Hunter-Central Rivers Catchment Management Authority. **Sally Maxwell** and **Rob Rolls**, with the help of **Andrew Boulton** (UNE) and **Ivor Growns** (DNR), are currently studying how riverine food webs within four tributaries of the Hunter catchment (two regulated, two unregulated) respond to regulation and environmental flows.

To date, fieldwork has targeted developing sampling methods and determining sampling frequency for future studies occurring during the spring-summer-autumn of 2006-2007 when an environmental flow will be released along a regulated tributary of the Hunter River. Four species of fish (Australian smelt, cox's gudgeon, freshwater catfish, long-finned eels) have abundant populations within the study reaches, and populations of Australian bass, gambusia, striped gudgeon, sea mullet have smaller populations throughout the study region. Knowledge of the life history and reproductive biology of some species (such as cox's gudgeon) remains largely unknown, and will be examined during this study.

During the spring-summer-autumn of 2006-2007, we aim to test the response of riverine food webs to an environmental flow using both stomach contents and stable isotopes of larval and juvenile fish, and macroinvertbrates to determine if the environmental flow enhances fish recruitment through the responses of the food webs they are an important part of. This project will provide important information on flow related riverine food webs and how environmental flows can be refined to improve recruitment of a number of native fish species.

Next issue we will bring news from the Honours students and an in-depth installment on UNE research in the Lower Gwydir River.

Darren Ryder

INFORMATION FROM AND FOR MEMBERS

Illustrated Key for Chironomid Larvae

Chris Madden was successful in obtaining ABRS funding (residual funding from 2005/2006) to produce an illustrated key for chironomid larvae using whole animal characteristics so that head mounts are not required on a routine basis. There may be a few tricky genera that might need temporary mounts for checking.

The key will cover the genera that occur in SA, Victoria, NSW, Tasmania and south-east Qld. Hopefully, more funds may be forthcoming at a later date to produce a key to cover the western, northern, central and tropical parts of the continent. **Pete Cranston** has generously volunteered his time to take photographs for the key, which will be LucID based and delivered on CD and website. Hard copy production is a pipedream at the moment but possible arrangements will be explored.

There will be a call for specimens for illustration purposes and also to ensure generic characters are consistent across the region via the ASL listserver at a later date. The key will be completed by December 2007. This means that the new shed that Chris has been working in at home can now be officially christened "The Chironomid Palace" as suggested by his wife, Shari.

28 Kingswood Crescent, Lockleys 5032
Phone (08) 8356 5031, Mobile 0414 976 657, cpm@chariot.net.au

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FASTS Exec business of interest to the aquatic societies... From Andrew Boulton 22 April, 2006

On 20-21st April, the FASTS Executive met with the cluster representatives to discuss a wide range of issues and there will be a full set of formal minutes released. However, as your 'aquatic cluster' representative, I wanted to flag some of the issues that looked as if they might be especially relevant to the marine and freshwater societies in FASTS.

1. There was extensive discussion of the Bologna process (BP) and the implications for scientific societies, and FASTS will make a formal submission before the deadline of the 30th April. In brief, the BP reflects a significant number of European countries (45) working towards a greater consistency across their higher education systems.
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Australia is likely to go down this road and encourage universities to adopt the BP with the most significant change being perhaps the 'three cycle' degree structure of a 3-year Bachelor, a 2-year Masters, and a 3-year PhD. While many degrees already satisfy the first and last of these, the 2-year Masters would 'replace' Honours and it was thought by FASTS Exec that this might not be such a bad thing because it would allow a longer "Honours year", perhaps including some course-work, it would generate a degree that is recognized more widely (overseas, most universities have not heard of the 1-year 'Hons' degree), and would be compatible with offerings in Europe, the US, and other parts of the world. However, the negative implications are greater costs for students (who now may need to spend 5 rather than 4 years getting their first 2 degrees in an 'equivalent' to Hons) and the uncertainty about government funding models for the Masters cycles (e.g., will there be HECS exemption?). So I mention this to allow people to think about implications for their current aquatic degree structures at their own universities and perhaps to flag an issue that might be worth some discussion at your next conference – both from academic and student perspectives but also employers. Would employers welcome students with the '5-year' degree more than the current Bachelor plus Honours? Are there funding opportunities for aquatic agencies/industries to generate Masters scholarships? Would the Masters be pure research or a mix of coursework and research? Please contact me directly if you want more information on the Bologna process.

2. Science meets Parliament is slated for 13th March 2007. To maintain the novelty value, it is planned for there to be a slight change in the direction and format such that societies will be contacted to identify issues that they would like to put on the table for discussion with parliamentarians with a view to identifying 'what science can do for you' and looking at discussing outcomes and perhaps solutions rather than simply asking for more money. The rationale is that money will follow if the politicians see some benefits and even potential solutions or outcomes. Of course, the broader the topics the better.

3. Two of our member societies expressed concern about an article in *The Australian* (22 Feb 2006) where the FASTS president was (selectively) quoted as strongly advocating applied research and I prepared a paper on this for discussion at the meeting. Not surprisingly, it turned out that the President had been selectively quoted and had actually spoken about the benefits of applied and basic research.

Two of the FASTS principles explicitly advocate the benefits of basic research and these were affirmed in a later discussion point. Nonetheless, the Exec welcomed hearing members' concerns directly and it highlighted the difficulties of media takes on comments made by scientists. It also raised the debate about how we should 'sell' so-called curiosity-driven research because this is often viewed by many people as indulgent and ill-focused. Some arguments relate to risk-management and the possibility of fortuitous discoveries but it would be good to be able to make some stronger arguments for the benefits of basic research. Any ideas?

4. FASTS is revising its policies and vision statements – my impression was that these probably reflect most members' thoughts on science in Australia. You can look at the FASTS website if you like but as these principles and policies are fairly general, there were no issues that seemed specific to aquatic issues but more general. Nonetheless, they make good reading for reminding us why we remain associated with FASTS.

5. FASTS is preparing a submission to the Productivity Commission on assessing the economic, social, and environmental returns on public support for science and innovation. This is seen as a real priority for FASTS – how do we demonstrate the worth of our science and what indicators are effective? It is very difficult to demonstrate impact of our science sometimes and perhaps the most meaningful impacts might be the most intangible. Some of the arguments of impact relate to our ability to use Australian achievements to 'leverage' (their word not mine!) global expertise in issues that would be important to Australia's economy.

   Currently Australia accounts for 1% of identified global R&D. So that we can contribute to and benefit from the global R&D, we probably need to increase this contribution. Similarly, outcomes can be measured in terms of reduced risk and uncertainty, and this is seen as another way of demonstrating benefits of our science and enhancing public support for what we do. I grappled with these ideas in an aquatic science context, comfortable that much of our research addresses risk issues in protecting and enhancing our aquatic resources but I was less clear about the 'global leverage' value. There will be more on this in the FASTS report.

6. The final issue that might be of interest to aquatic societies was a presentation on the APESMA/FASTS professional scientist remuneration survey conducted in 2005. Sixty members of our aquatic cluster contributed to this (of a total of 2548 respondents) and there is plenty of information that may be of interest to members of the cluster.

I'm not sure if this report will go on the FASTS website but there were interesting statistics indicating that annual salary movements for environmental scientists (and geology/geoscientists) had risen by 6.7-6.8% compared to an average of 4% across most of the other disciplines. Median base salary for an 'environmental scientist' starting out is $65,350 (n=66). The median base salaries varied across the states from a maximum in NSW of $75,000 to $55,844 in NT (but bear in mind these are based on quite low questionnaire returns of 4-20 per state). If you want some more specific information on these statistics, let me know or visit the APESMA website.

7. The next Exec meeting is 10-11 August so please let me know if there are any issues that you wish me to raise on behalf of the aquatic cluster at that meeting. Of course, anything that comes up in the meantime can also be directed to me and I shall follow it through for you.

Andrew Boulton

THE UNIVERSITY OF WESTERN AUSTRALIA

MEDIA STATEMENT Tuesday, June 13, 2006

Second Singapore Project for UWA Centre for Water Research

The University of Western Australia's Centre for Water Research (CWR), in partnership with Nanyang Technological University (NTU) in Singapore, has been awarded a $2.7 million project to develop and install a state-of-the-art automated Aquatic Real-Time Management System (ARMS), to enhance the operation of Singapore's Marina Reservoir. In awarding the project, Mr Harry Seah, PUB's director of technology and water quality said: "As part of PUB's efforts to ensure a diversified and sustainable supply of water for Singapore, we actively work with leading research institutes, such as the Centre for Water Research to study and test promising new technologies."

Much like a weather forecast, but more sophisticated, ARMS will allow the PUB, Singapore's national water agency of Singapore to forecast threats to the system and respond in a timely manner. The decision support system promises to revolutionise how water is managed in freshwater systems, and represents the second stage of a collaborative effort between CWR, NTU and PUB to develop an integrated system for the management of Singapore's limited water resources.

The Marina Reservoir will be created when the construction of the barrage across Marina Channel is completed. When completed in 2009, the Marina Reservoir will be Singapore's 15th reservoir and its first reservoir in the city. Besides being a source of water supply, the barrage will help alleviate flooding in the low-lying areas and it is also set to become a lifestyle attraction replete with exciting water activities.

Dr Jason Antenucci (08) 6488 2048

CALL FOR CONTRIBUTIONS
Encyclopedia of Earth
(http://www.earthportal.net/about/eoe/)

The world's experts on the environment of Earth, and the interaction between society and the natural spheres of the Earth, are forming to produce a single comprehensive and definitive electronic encyclopedia about the Earth. The *Encyclopedia of Earth* (EoE) will be free to the public and free of advertising.

We seek all qualified editors and authors to collaboratively develop:

- A free, fully searchable, trusted source of articles about the Earth.
- A to Z coverage of topics describing the environment of Earth that span the natural, physical, and social sciences, the arts and humanities, and the professional disciplines.
- An information resource that will be useful to students, educators, scholars, professionals, decision-makers, as well as to the general public.
- An authoring site that combines the authority of peer review with the power of Web-based collaboration.
- A public reference site that is updated every 15 minutes.

Editors: Professor Cutler J. Cleveland of Boston University, Editor-in-Chief of the award-winning *Encyclopedia of Energy* (Elsevier Science), is the Editor-in-Chief of the *Encyclopedia of Earth*. A distinguished International Advisory Board provides editorial oversight (see below).

Publisher: The *Encyclopedia* is one component of the *Earth Portal* (http://earthportal.net/), the world's first comprehensive resource for timely, objective, science-based information about the Earth and environmental change. It is published by the Environmental Information Coalition, National Council for Science and the Environment (http://www.ncseonline.org).

Scope: The scope of the *Encyclopedia* is the environment of the Earth broadly defined, with particular emphasis on the interaction between society and the natural spheres of the Earth. See the taxonomy and topic areas at http://earthportal.net/about/eoe/eoetopics/.

Join the Effort: If you are interested and want more information, please send an email to <eoe@earthportal.net>, or visit (http://earthportal.net/about/steward/).

International Advisory Board

- Rita Colwell, Chairman, Canon U.S. Life Sciences, Inc., former Director of the National Science Foundation, USA
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- F. Sherwood Rowland, Nobel Laureate in Chemistry, University of California - Irvine, USA
- B. L. Turner, Director, School of Geography, Clark University, USA

Addenda to Floating Islands: A Global Bibliography
By Chet Van Duzer

47 pages including sixteen photographs (eleven in color)
E-Book in Adobe Acrobat PDF

ISBN-10: 0-9755424-1-9
ISBN-13: 978-0-9755424-1-5

The *Addenda* to Chet Van Duzer's *Floating Islands: A Global Bibliography* contain almost 200 new citations on the all aspects of the subject; they include material on floating islands that formed since the publication of *Floating Islands*, unique historical descriptions of several floating islands that no longer exist, and important new references on floating islands seen at sea and on the dispersal of species on floating islands.

The entries are annotated and cross-referenced, and are followed by a geographical and thematic index. The book also includes an account of the author's visit to the rare intermittent floating island in Derwentwater, Cumbria, England, as well as sixteen photographs of floating islands around the world. The photographs of the floating island in Derwentwater in the *Addenda* are among the first color images ever published of that island.

If you already own *Floating Islands*, you will certainly want the *Addenda*; if you have not yet seen the book, the *Addenda* will give you a good idea why reviewers have called *Floating Islands* "masterful," "definitive," "exhilarating," and "amazing," and have insisted that "every environmental-related institute should acquire a copy."

For a limited time the publisher has made the 1.8 MB PDF file available as a free download at this address: http://cantorpress.com/floatingislandsaddenda/

FORTHCOMING CONFERENCES / WORKSHOPS

2006

Month	Date	Conference	Location
June	28 to 30	Modelling Patterns and Dynamics of Species Occurrence Workshop	Melbourne
July	3 to 5	Modelling Patterns and Dynamics of Species Occurrence Workshop	Brisbane
August	28 August to 1 September	Australian Society for Fish Biology Workshop and Conference	Hobart
September	18 to 20	10th Murray-Darling Basin Groundwater Workshop	Canberra
	24 to 26	6th Australian Algal Workshop	Wollongong
	25 to 29	45th Australian Society for Limnology Congress	Albury-Wodonga
October	18 and 19	Wetland Innovation Series Forum,	Shortland (near Newcastle)
November			
December	6 to 8	Molluscs 2006: Molluscs in Research, Conservation and the Economy	Wollongong

2007

Month	Date	Conference	Location
January			
February	18 to 23	6th International Symposium on Ecohydraulics	Christchurch, NZ
March	13	Science meets Parliament (see page 35)	Canberra
April			
May	22 to 27	Eco Summit 2007	Beijing, China
	22 to 25	5th Australian Stream Management (5ASM) Conference	Albury
June			

Modelling Patterns and Dynamics of Species Occurrence Workshop

Melbourne: 28 to 30 June 2006
Brisbane: 3 to 5 July 2006

Instructor: Darryl MacKenzie, Proteus Wildlife Research Consultants

The presence or absence of a species across a set of landscape units is a fundamental concept used widely in ecology. An important sampling issue, however, is that a species may not always be detected when present at a landscape unit. This will result in "false absences" causing parameter estimates to be biased if unaccounted for, possibly leading to misleading results and conclusions, even with moderate levels of imperfect detection.

This workshop will cover many of the latest methods for modelling patterns and dynamics of species occurrence in a landscape while accounting for the imperfect detection of the species. Participants will be introduced to available software through worked examples, and there will be special emphasis on aspects of study design. While primarily aimed at the beginner and intermediate level, more experienced researchers will also benefit from attending.

Participants will receive a complimentary copy of the recently published book, 'Occupancy estimation and modelling: inferring patterns and dynamics of species occurrence.'

The Melbourne workshop will be hosted by the University of Melbourne. Visit http://www.scc.ms.unimelb.edu.au/mpdso.html for registration details.

A venue for the Brisbane workshop is still to be confirmed. Register you interest by emailing: darryl@proteus.co.nz.

2006 Australian Society for Fish Biology Workshop and Conference in Hobart, Tasmania 28 August to 1 September 2006

We take pleasure in inviting you to attend the 2006 Australian Society for Fish Biology Workshop and Conference in Hobart, Tasmania.

The conference is being held from 28 August to 1 September 2006 at the Hotel Grand Chancellor.

Web Address
www.cdesign.com.au/asfb2006

Workshop: 28 & 29 August 2006

The theme for the workshop is 'Cutting-edge Technologies in Fish and Fisheries Science'. The workshop will showcase and identify cutting edge techniques and technology to enhance Australia's fish and fisheries research capacity. An overview of the workshop, including invited speakers, is available on the web site.

Conference: 31 August & 1 September 2006

Abstract submission for the conference is now open. Visit the web site to submit an abstract. Abstracts are due by 15 June.

Online Registration
Online registration is now open on the conference web site.

Conference Secretariat For all enquiries please contact the team at Conference Design for assistance.

e: info@cdesign.com.au
p: 03 6224 3773
f: 03 6224 3774
w: www.cdesign.com.au

Regards

Jeremy Lyle
Organising Committee

10th Murray-Darling Basin Groundwater Workshop
Canberra, 18 to 20 September 2006

www.conlog.com.au/groundwater

Announcement and Call for Papers and Posters

"Does the science hold water?"

You are invited to submit proposals for oral and poster presentations at the 10th Murray-Darling Basin Groundwater Workshop to be held at the Chifley on Northbourne Hotel in Canberra from 18 to 20 September 2006.

The theme of the workshop - Does the Science Hold Water? - will focus on the following topics:

- Groundwater Resource Sustainability and Management;
- River-Groundwater Interaction;
- Groundwater Dependent Ecosystems; and,
- Salinity (Dryland and Irrigation Induced).

Please visit the Workshop Website www.conlog.com.au/groundwater for more information and to submit an abstract (abstract deadline 29 May).

Registration will be available early in June.

For any enquiries please contact the Workshop Secretariat:
Conference Logistics
Email: conference@conlog.com.au
Phone: 02 6281 6624
Fax: 02 6285 1336
Mail: PO Box 201
Deakin West ACT 2600

6th Australian Algal Workshop, 24 to 26 September 2006

The 6th Australian Algal Workshop will be held at the School of Earth and Environmental Sciences, University of Wollongong, 24 to 26 September 2006 (finishing at lunch time on the 26).

The workshop comprises lecture and laboratory sessions, and is dedicated to the taxonomy of the main Algal groups. Apart from a general background on identification of Algae, special talks on filamentous green, diatoms, charophytes, red and blue algae are on the program. The workshop will emphasize on toxic taxa with several special talks on new findings. NATA representatives will provide an update on laboratory accreditation.

Identification guides will be provided.

Organisers:

Dr Adriana García and Dr Stephen Skinner
Contact: adriana@uow.edu.au

More information: http://www.uow.edu.au/science/eesc/conferences

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Wetland Innovation Series Forum, 18 and 19 October 2006

A question of values - 2005 WETLAND INNOVATION SERIES FORUM.

The 2005 National Wetland Innovation Series Forum titled "Valuing Wetlands: identifying, integrating and promoting the economic, social, cultural and ecological value of Australia's Wetlands" will be held at The Wetlands Centre, Shortland (near Newcastle) on 18 and 19 October.

Submit your proposal for a presentation on-line at http://www.wetlands.org.au/forum.htm or contact Tess Hilleard (Email)

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Molluscs 2006
Molluscs in Research, Conservation and the Economy

Triennial meeting of the Malacological Society of Australasia

6 to 8 December 2006, University of Wollongong, NSW plus two day pre and post conference workshops (4 - 5th December and 9 - 10 December).

The objective of this meeting is to bring together students, established researchers, naturalists and members of government and NGO agencies that have an interest in molluscs. The meeting will focus on current research involving molluscs in the Australasian area.

Molluscs are the second largest animal phylum and many are ecologically and economically important. They are dominant organisms in marine environments and have suffered more human-induced extinctions on land and in freshwaters than seen in all tetrapod vertebrates.

Themes:

- Applied studies (aquaculture, fisheries, parasitology, invasive species).
- Conservation and ecology (including endangered species, indicator species, molluscs in experimental ecology, tracking environmental changes).
- Systematics (including taxonomy, phylogeny, evolution, faunistics, biogeography).
- Genetics and development (population genetics, evolution-development, larval development).

Venue: McKinnon Centre, University of Wollongong.

Registration: on line at www.uow.edu.au/conferences/MOLLUSCS06/

Preconference Workshop:
Dr Mark Norman and Dr Mandy Reid - cephalopod identification and biology (two days 4th - 5th Dec)

Postconference Workshop:
Dr John Stanisic and Mr Michael Shea - land snails their identification, diversity and conservation (two days 9th - 10th Dec)

For more information contact: Mark Norman: mnorman@museum.vic.gov.au
or Winston Ponder: wponder@bigpond.net.au

6th International Symposium on Ecohydraulics Christchurch, New Zealand, 18 to 23 February 2007

Our first abstract submission deadline is almost upon us and we will begin the process of reviewing those abstracts this month. However, the response has been less than we anticipated and you may have missed the deadline. Fortunately, we still have more than eight months until the Symposium so we are extending the abstract submission deadline by two months to the 30 June 2006.

We are also keen to remind you that the online registration for the Symposium is now available!!

Please visit the Symposium website at www.conference.co.nz/ecohydraulics2007 to submit your abstract or register for the Symposium!

Please do not hesitate to contact me should you have any questions.

Kind Regards

Rachel Cook
Event Project Manager
Conference Innovators
Christchurch, New Zealand
www.conference.co.nz

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5th Australian Stream Management (5ASM) Conference, Albury 22 to 25 May 2007

To be held at the Albury Convention Centre in central Albury.

Further information from:
Kate Roberts
Institute of Land, Water and Society
Charles Sturt University
Wagga Wagga 2678
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Email: kroberts@csu.edu.au
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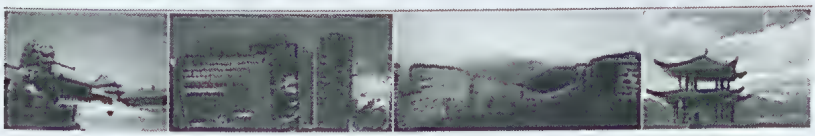
This Eco Summit will focus on integrative aspects of all ecological science and its application under the general theme of "Ecological Complexity and Sustainability: Challenges and Opportunities for 21st-Century's Ecology". The aim of this Eco Summit is to encourage a greater integration of both the natural and social sciences with the policy and decision-making community to develop a better understanding of the complex nature of ecological systems. This understanding will provide the basis for sustainable solutions to environmental problems. It will be held from 22 to 27 May.

We expect this meeting to attract the broadest representations of ecological organizations, ecologists and practitioners on ecological sustainability issues from all over the world. We intend to show the unification and determination of our ecological community as a whole to maximize our commitment to use ecological knowledge and understanding to meet the challenges raised from the Earth Summit (1992), the World Summit on Sustainable Development (2002), and the United Nations 2005 Millennium Review Summit.

Visit the Eco Summit website at www.ecosummit2007.elsevier.com to learn more about the conference, find out about the key deadlines on submitting symposium and session proposals as well as abstracts for oral and poster presentations and sign up for Eco Summit Alerts.



ASL VOLUNTEERS

The following members have volunteered to speak as experts on behalf of the ASL. If you wish to be included on the list please contact:
Dr Richard Marchant (ASL secretary); Email: rmarch@museum.vic.gov.au

Prof A. Arthington: *in stream flows, ecology of exotic fishes, conservation of rare fishes.*
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